

Item 10 – Staff Report

- Conservation Program Coordinator
- Conservation Outreach
- April Water Usage
- CIP Summary and Timeline
- BCRUA Board Meeting – May 18

Conservation Program Coordinator

Position is responsible for coordinating energy, water, and natural resource conservation programs, project, and plans. Coordinator will promote water conservation to utility customers and other groups through educational programs and outreach efforts.

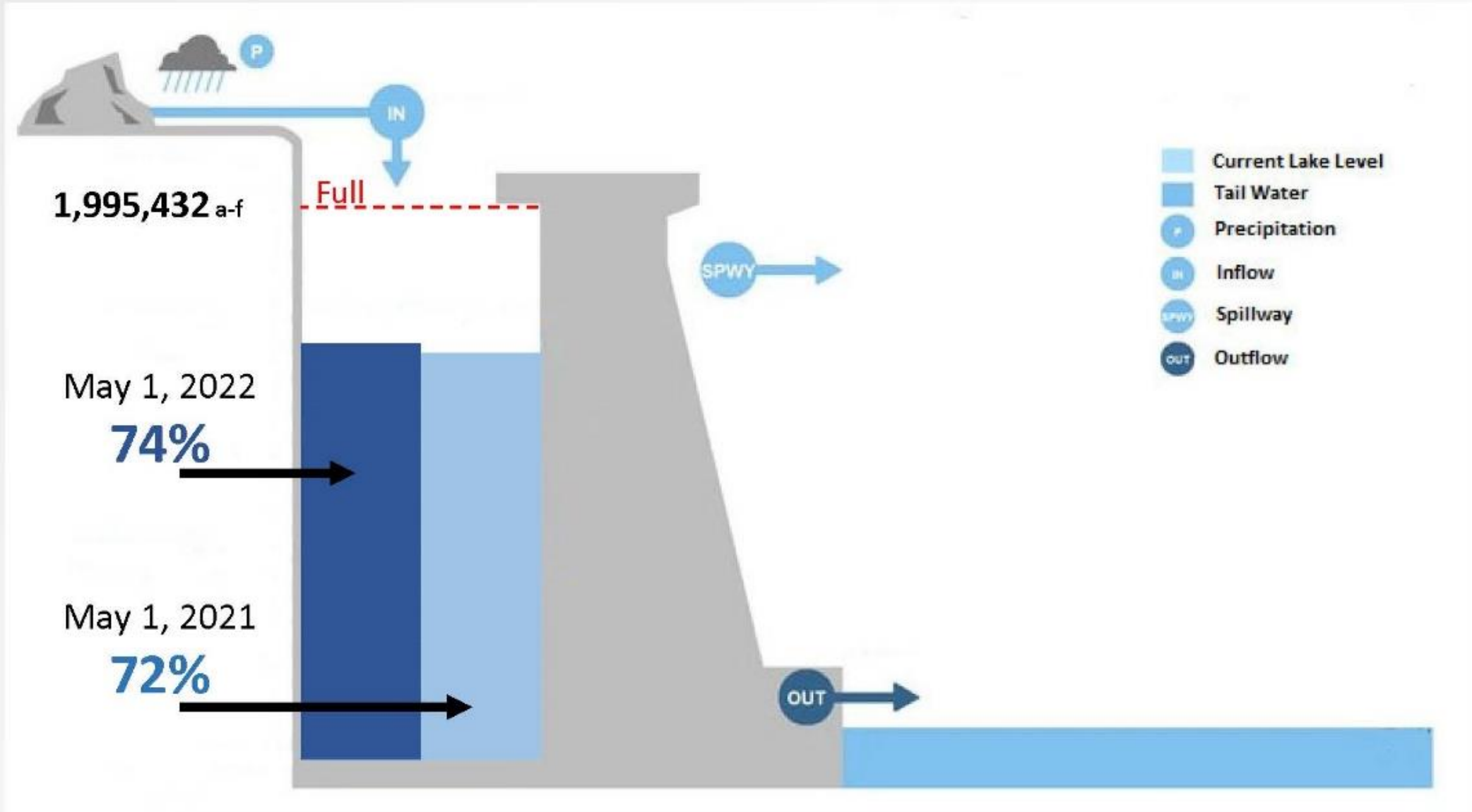
- **Solicitation closed Friday, May 6.**
- **From April 22 to May 6:**
 - 956 job views
 - 25 applications received & reviewed
 - 4 top qualified candidates scheduled for interviews through May 26
- **Job offer anticipated by May 31.**

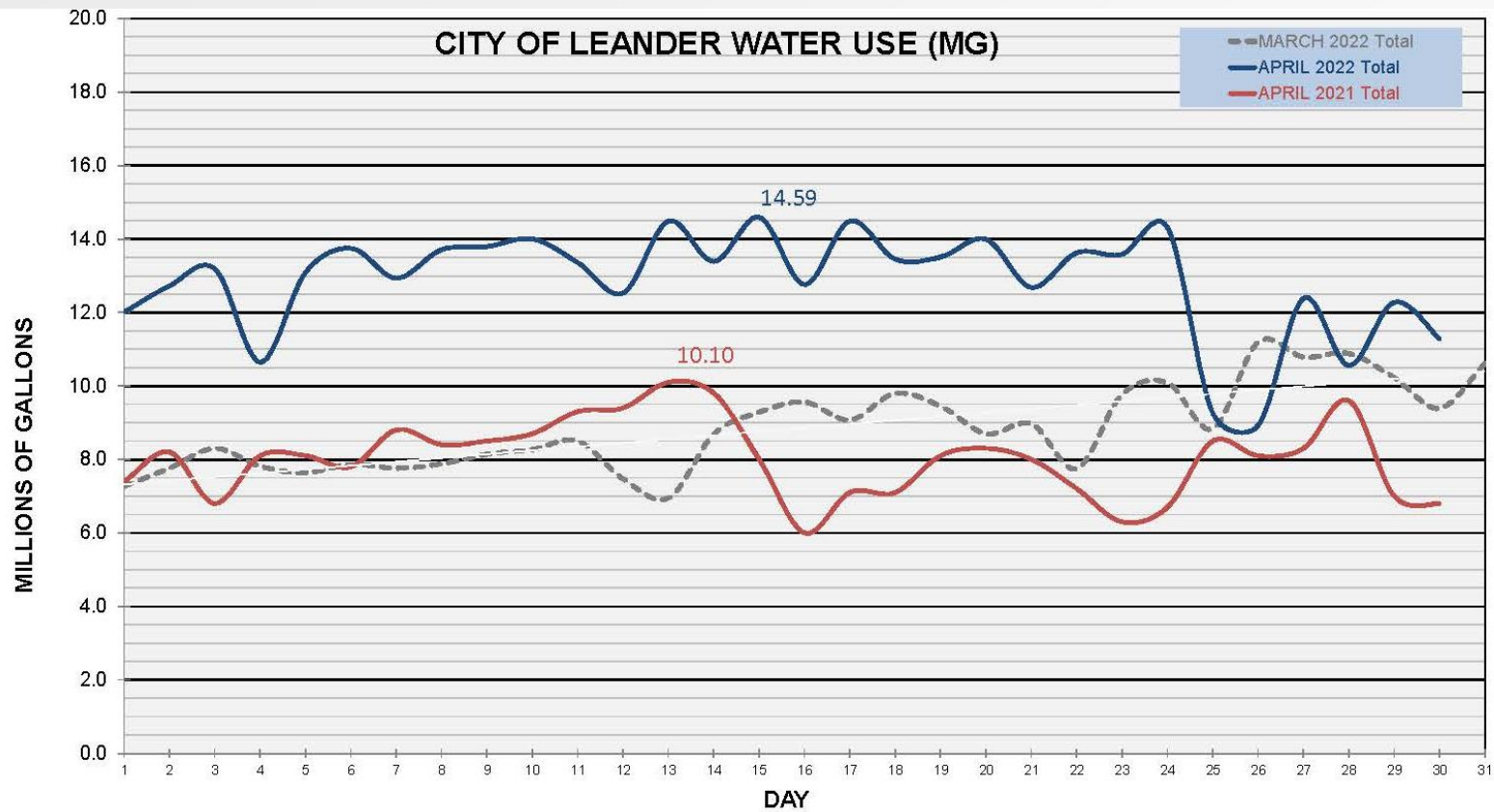
Conservation Outreach

City is currently in Conservation Phase 2, primarily once-a-week watering.

- **Conservation Phase 2 reminders shared:**
 - On Facebook, Twitter, and NextDoor
 - On the city website Home, Public Works, and Utility pages
- **Reviewed irrigation usage for all Leander ISD facilities.**
 - Propose to move 3 highest use locations from Thursday to Saturday
 - Follow up meeting to discuss variance
- **Third-party assessment of City facility and park irrigation.**
 - Account is setup & scheduling for late next week
- **Third-party finalization of pilot program.**

LCRA Combined Lake Storage





(MG)	APRIL 2022 BCRUA Reagan	APRIL 2022 BCRUA Travisso	APRIL 2022 BCRUA Bagdad	APRIL 2022 BCRUA	APRIL 2022 SCWTP	APRIL 2022 Total	APRIL 2021 Total	APRIL 2021 BCRUA	APRIL 2021 SCWTP
Total	149.68	90.68	0.67	241.02	144.20	385.22	240.50	0.00	240.50
Average	4.99	3.02	0.10	8.03	4.81	12.84	8.02	0.00	8.02
Peak Day	6.12	3.37	0.10	9.48	6.00	14.59	10.10	0.00	10.10
Min. Day	3.25	1.82	0.08	6.12	2.40	8.92	6.00	0.00	6.00

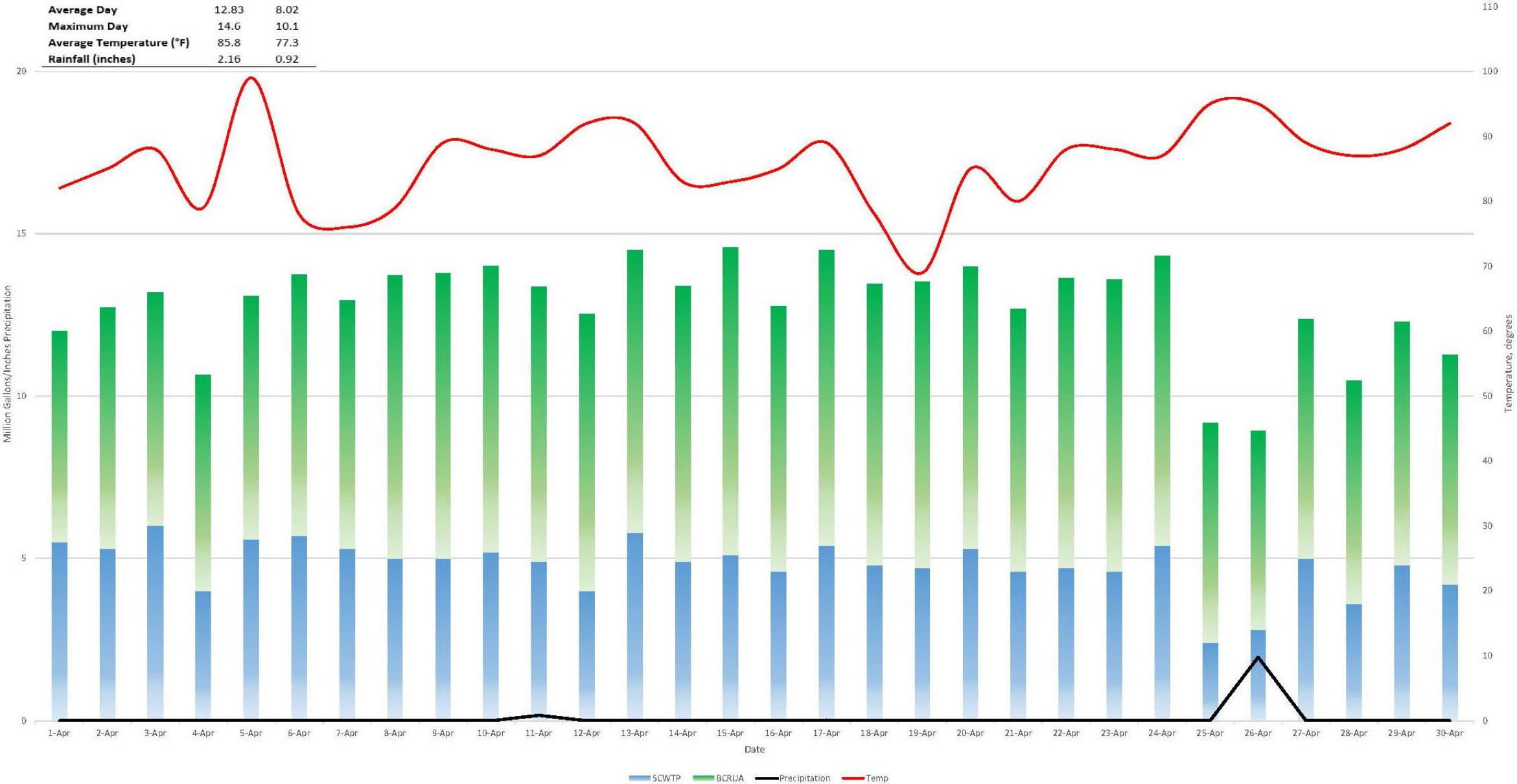
APRIL 2022 COLH	APRIL 2022 COGT
15.76	35.69
0.53	1.23
0.84	2.07
0.41	0.00

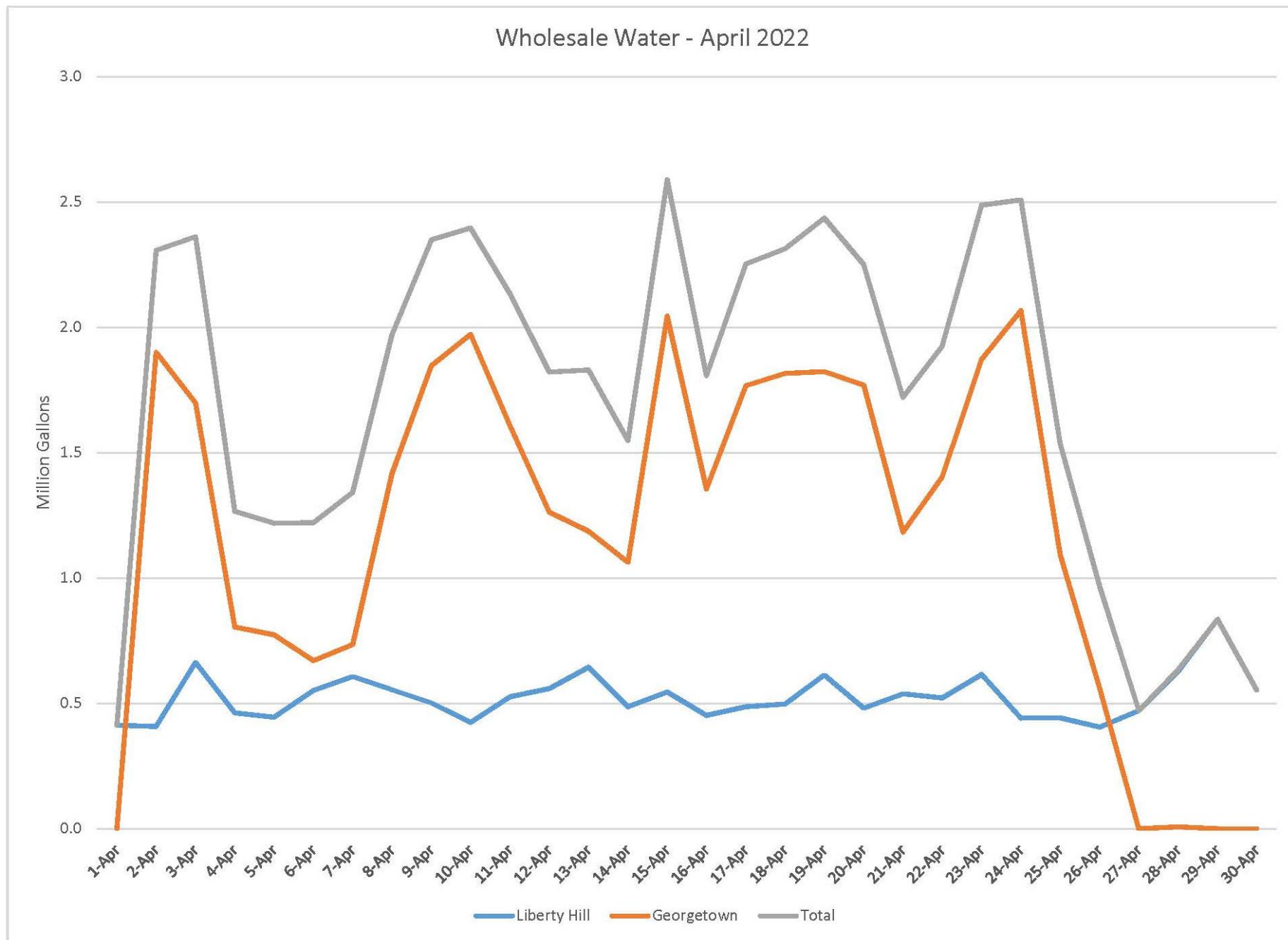
Historical Water Use															
Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Month/Day	8/8	8/3	8/7	8/13	8/9	5/7	9/10	8/12	8/4	7/12	8/4	8/11	8/15	8/25	4/15
Peak Day (MG)	9.18	7.79	6.75	7.44	8.38	8.86	9.10	11.90	11.50	10.84	12.74	15.29	16.79	14.74	14.59
Avg Day (MG)	3.72	3.21	3.18	4.21	3.78	3.85	4.14	4.71	5.52	6.05	7.05	8.16	9.50	8.66	9.01
Annual (MG)	1,359	1,171	1,160	1,535	1,380	1,404	1,512	1,719	2,022	2,209	2,574	2,979	3,478	3,161	1,082
Annual (AC-FT)	4,171	3,593	3,561	4,712	4,234	4,308	4,640	5,276	6,205	6,778	7,901	9,141	10,673	9,701	3,320

(AS OF 4/30/2022)

	2022	2021
Water Usage	385.0	240.5
Average Day	12.83	8.02
Maximum Day	14.6	10.1
Average Temperature (°F)	85.8	77.3
Rainfall (inches)	2.16	0.92

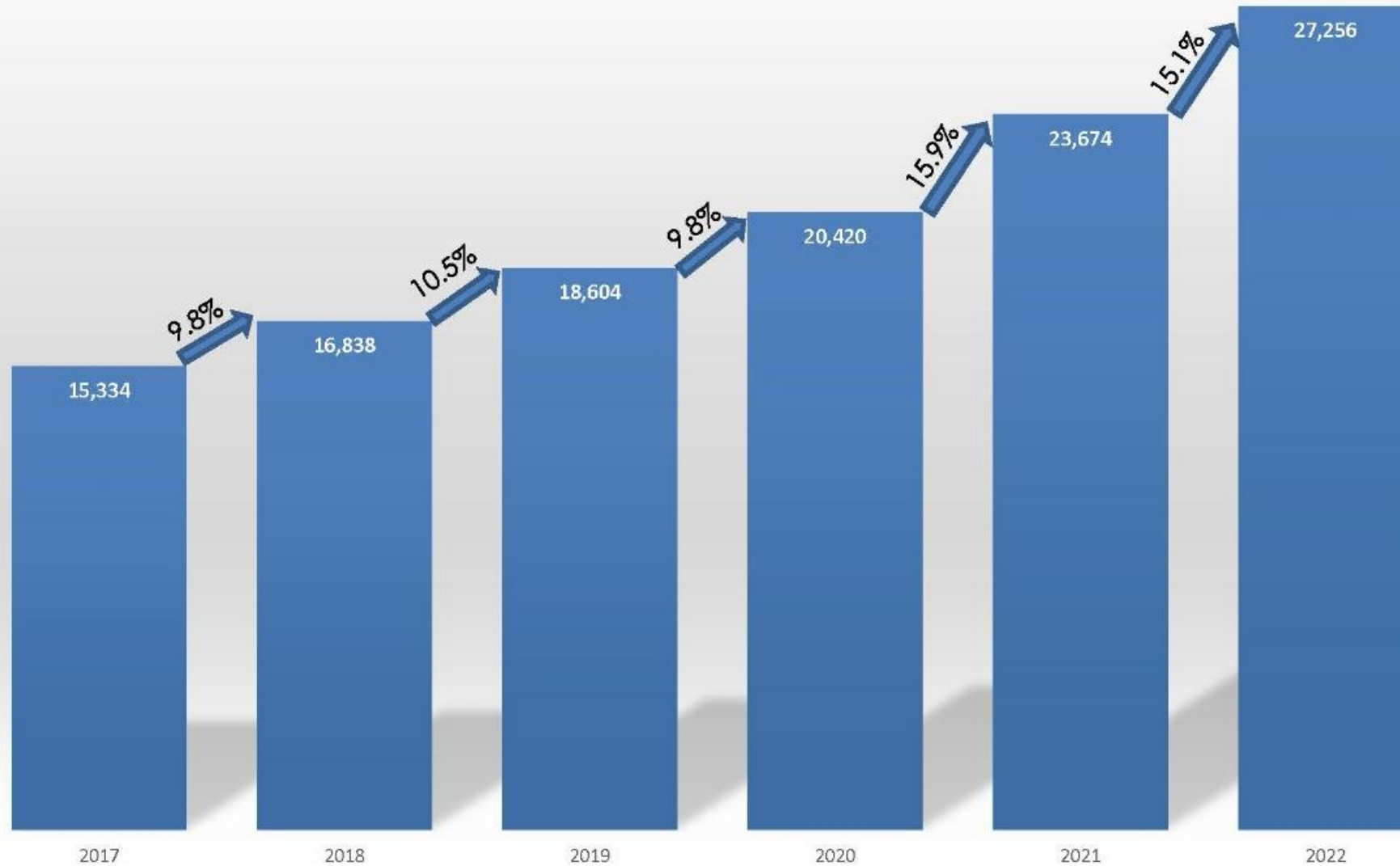
Water Usage, Temperature, & Precipitation
(April 2022)





Water Connections Through April

■ Number of Connections



CIP	Leander Water Improvement Projects	MGD*	Estimated Timeline										Estimated Cost
			2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
	<i>[Current Treatment Capacity]</i>	25											
...	Bagdad/New Hope Water Entry												\$1,400,000
W.41	San Gabriel Pkwy 24" Water Line and EST												\$4,000,000
W.72	Lakeline Blvd Phase 1												\$3,125,000
...	BCRUA WTP Phase 1D Parallel Raw Water Line												\$2,000,000
W.69	Sandy Creek WTP Sludge/Train Improvements	2											\$16,600,000
W.74	Terminus High-Zone Pump Station and GST												\$13,300,000
...	BCRUA WTP Phase 1D	3											\$7,500,000
W.42	Advanced Metering Infrastructure												\$5,500,000
W.55	Travisso Elevated Storage Tank ¹												\$8,300,000
W.46	Ronald Reagan Pump Station and GST ¹												\$17,200,000
W.45	San Gabriel West Booster Pump Station ¹												\$4,600,000
W.32	BCRUA Phase 2 Deep Water Intake ^{2 3}	2											\$112,500,000
W.45	BCRUA WTP Phase 2A	12											TBD
TOTAL Treatment Capacity		44	TOTAL Estimated Cost										\$196,025,000

* MGD = Million Gallons per Day

¹ Requires land procurement

² Project contingencies not included in estimated cost

³ Project completion increases Phase 1D capacity from 3 to 5 MGD



System improvement



Treatment improvement

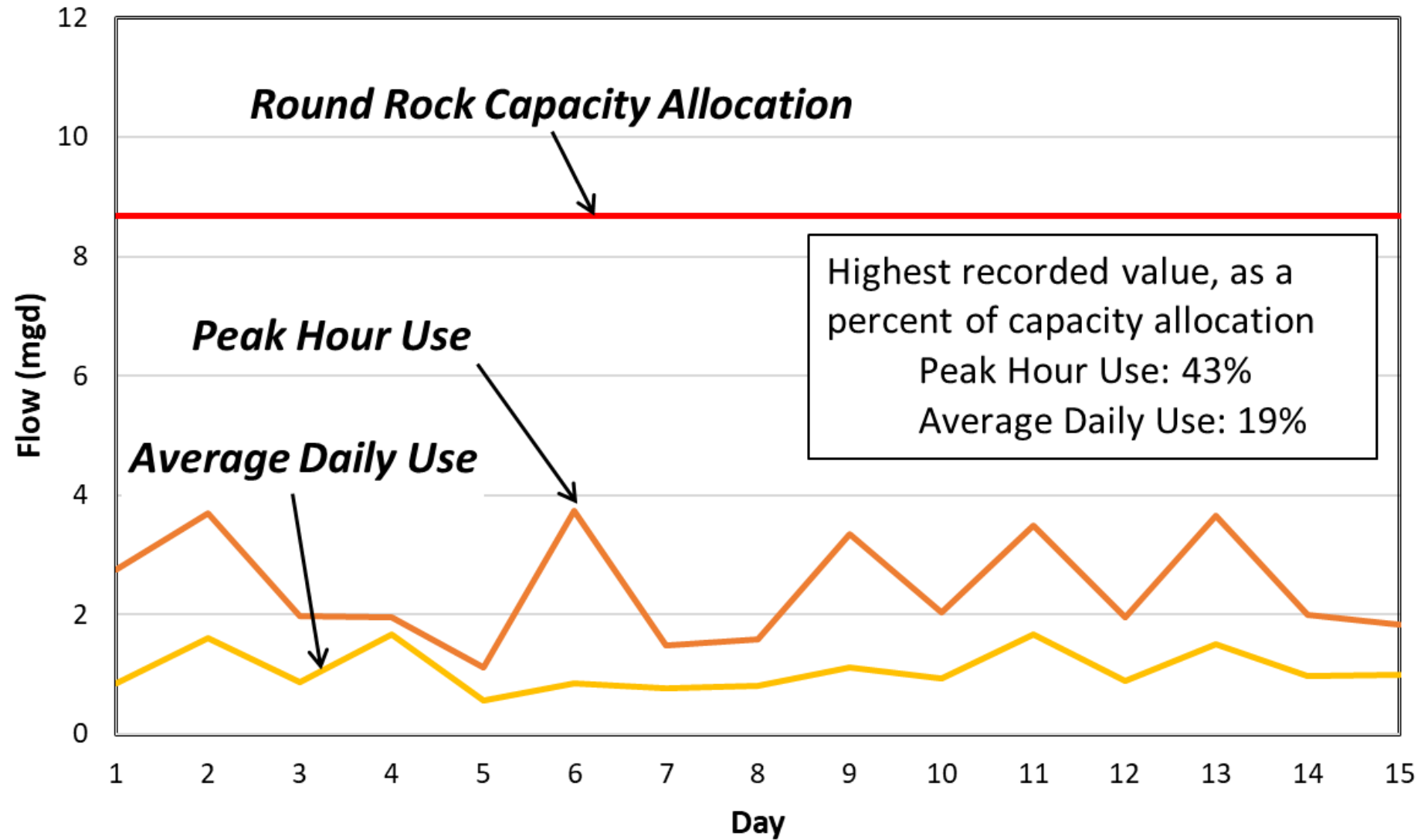


Brushy Creek Regional Utility Authority

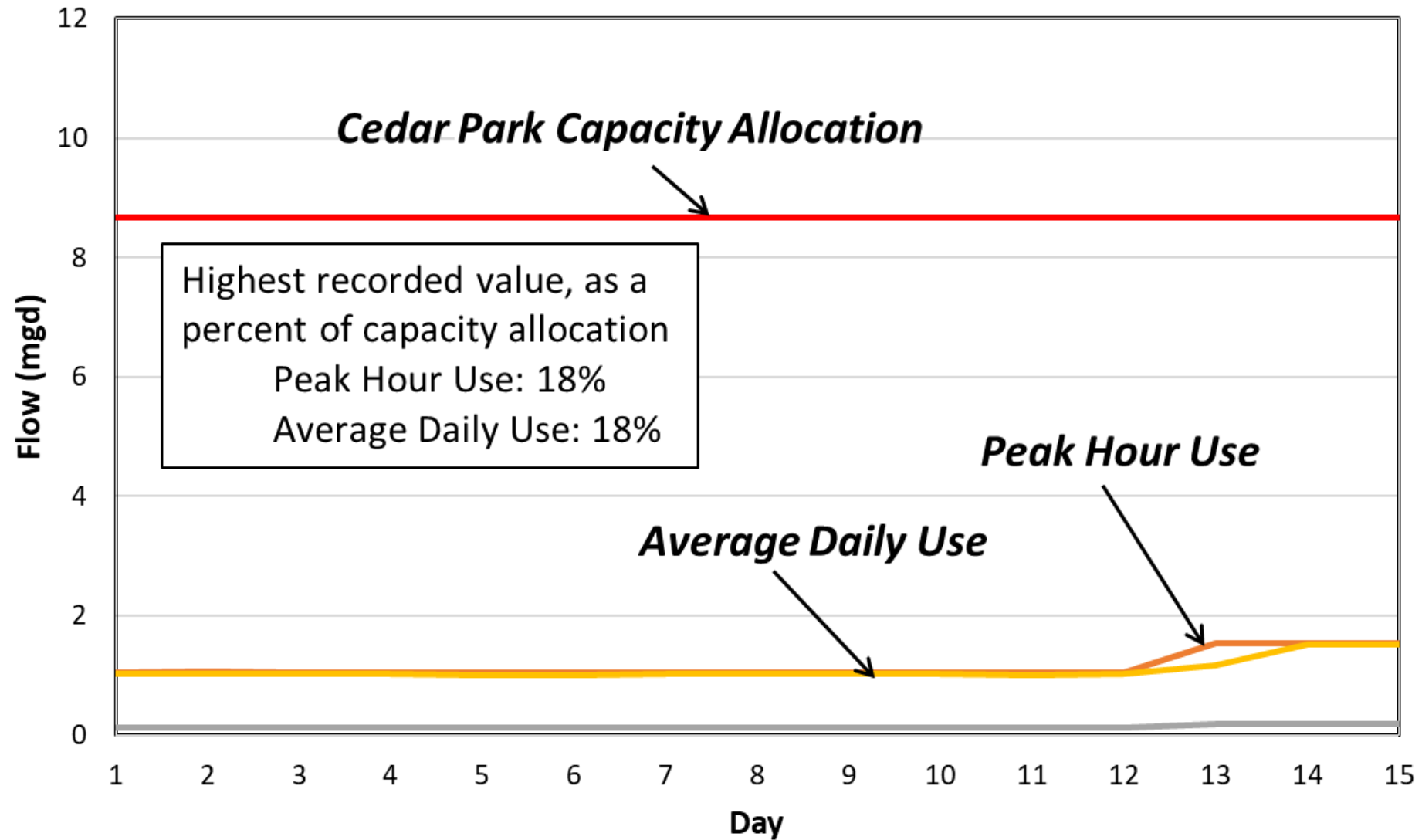
BCRUA Board Meeting

May 18, 2022

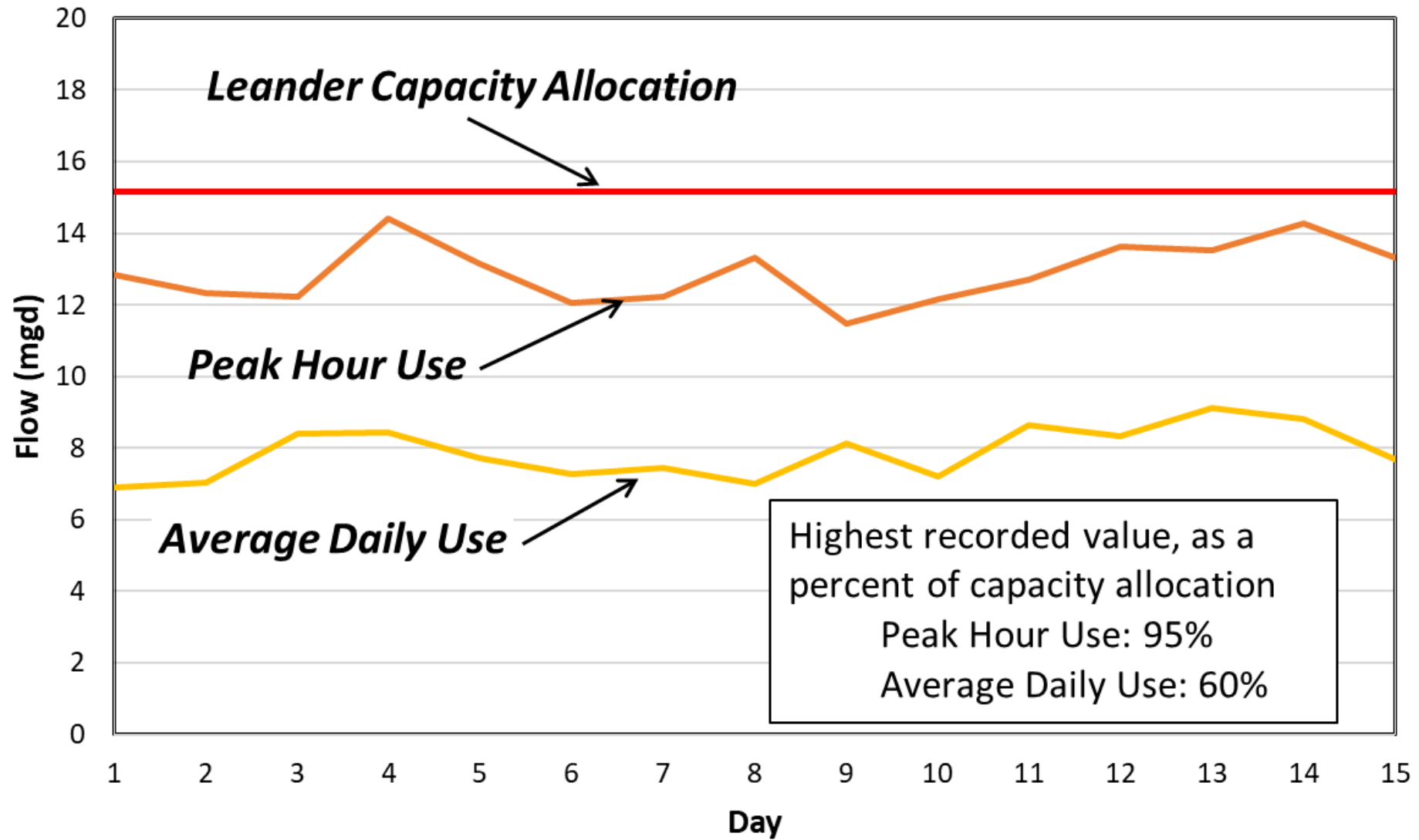
Round Rock Water Use May 2022



Cedar Park Water Use May 2022



Leander Water Use May 2022



BCRUA Total Water Use May 2022

